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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/652,291	08/31/2000	Gaurav Sharma	XER 2 0330 D/99421	4239
7590	06/25/2004		EXAMINER	
Albert P Sharpe III Esq Fay Sharpe Fagan Minnich & McKee LLP 1100 Superior Avenue 7th Floor Cleveland, OH 44114-2518			LU, TOM Y	
			ART UNIT	PAPER NUMBER
			2621	
			DATE MAILED: 06/25/2004	

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Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)
	09/652,291	SHARMA ET AL.
	Examiner	Art Unit
	Tom Y Lu	2621

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 04 June 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) The period for reply expires _____ months from the mailing date of the final rejection.
- b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. The proposed amendment(s) will not be entered because:
 - (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) they raise the issue of new matter (see Note below);
 - (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____

3. Applicant's reply has overcome the following rejection(s): _____.
4. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: _____.

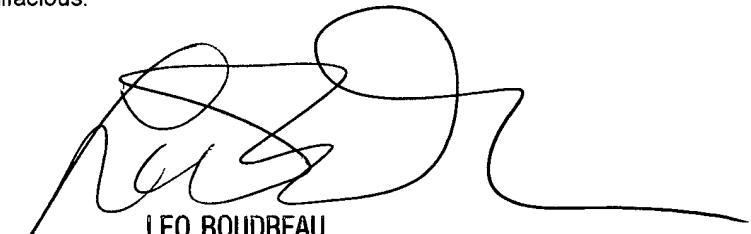
Claim(s) withdrawn from consideration: _____.

8. The drawing correction filed on _____ is a) approved or b) disapproved by the Examiner.

9. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.

10. Other: _____

Continuation of 5. does NOT place the application in condition for allowance because: with regard to Claims 6, 12 and 17, Travernier discloses creating a security feature such as moiré pattern through angle shifting (Travernier teaches the moiré pattern is printed on the both sides but screened with a different angle, which results in a visible moiré pattern, at column 9, lines 21-25). However, Travernier does not explicitly teach such angle shifting would have a frequency shift effect, which Muir discloses at column 3, lines 13-17. At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to know a recognizable marking, such as a moiré pattern, is produced through a local frequency shift of the printed halftone dot. One of ordinary skill in the art would have been motivated to do this because angle shifting alters the visibility of the moiré pattern by shifting the beat patterns from low frequency to high frequency as taught by Muir at column 3, lines 13-17. Please note the moiré pattern as taught by Muir is screened a different angle just like Tranvernier, the statement of "this pattern is discernable by the human eye" is true only when the human eye is horizontally or vertically preceiving the pattern (Muir: column 3, lines 2-5). However, when the moiré pattern is perceived from side angles, the moiré pattern becomes perceivable. Therefore, both moiré patterns in Travenier and Muir are rendered visible, and applicant's argument stated in the Remarks page 4, lines 16-28, dated 06/04/2004, contends Travenier and Muir are not combinable because one teaches making pattern visible and the other teaches making pattern invisible is fallacious.



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